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JAN 17 1931
U. S. DEPARTMENT OF AGRICULTURE
Absolutely Guaranteed Dahlias

EXHIBITION Dahlias

How to Choose and How to
Grow Fine Dahlias, Big Dahlias

1931

「 The most helpful Dahlia Catalog. Turn
to center page guide to choose your Dah-
lias; read the descriptions for the points. 」

WILLOW DAHLIA GARDENS
Cedar Grove, New Jersey

VERONA 8-5712

Please Read Before Ordering

Order Early—Then you will get what you want. In certain varieties we have only limited stock. All orders are filled in rotation and stock is subject to prior sale. Keep a copy of your order for comparison. Order early.

Terms—Payment in full with order. This enables us to keep down office expense. We pass this saving back to you by setting a fair price on these exhibition Dahlias.

Minimum Order—No order for less than one dollar.

Quantity Orders—One dozen of any variety at the price of ten.

Substitution—We do not substitute unless you authorize us to do so. Or, name a second choice. This is wise when you are ordering late in the season.

Size of Roots—Size of root does not make a plant large or small. Some varieties usually have large, others small roots. The essential thing is a growing bud and this you will get on each root.

Transportation Charges—We pay postage including the insurance on parcel post shipments on retail orders of roots and plants to all parts of the United States and Canada and of roots to Mexico and Overseas. Should you desire shipment by express the charges will be at your expense but you will receive enough extra roots to pay for the extra cost.

Time of Shipping—We will ship orders around May 15. If this date does not agree with your plans, tell us when you wish your order shipped.

Care of Roots—Unpack at once. Keep them covered with moist earth before planting.

Prices—Our goods are quality goods and for these quality goods we charge the fair price.

Join the Dahlia Society—Always something new is happening and somebody writes that news up. New ways of growing, new ideas about plant food and insects, the new varieties, the news of the shows and the trial grounds, the latest and the most interesting is in *The Bulletin* of the American Dahlia Society. Read about these new things by becoming a member of the Society for \$2.00. Send your check to Wm. J. Rathgeber, Secretary, 198 Norton St., New Haven, Conn.



WILLOW DAHLIA GARDENS

Guarantee:—We stand squarely back of every root and plant you buy from us.

If it is not satisfactory—if it is not true to name, if it is not true to description, if it does not grow—your word that it has not been satisfactory is sufficient. We will replace the goods or refund the money.

DESCRIPTION. You may rely on the descriptions. Naturally, we are going to try to make our Dahlias attractive to you; nevertheless by these descriptions also we stand. If we know of or have found out any defect in any variety you will find that defect written into the description. More than that—if it bleaches in the sun, or is susceptible to insects, or if it won't stand drought, what needs to be done is also written into the description. We have glossed over no known defect. We have told them all.

PRIZE DAHLIAS. We entitle our book Exhibition Dahlias. We have chosen them for exhibition. We consider them all of exhibition caliber. And wherever we have found any variety has won a prize, we note that in the description, giving date, place and class. Where there is no such notation we do not know that that particular variety has taken a prize.

METHOD OF GROWTH. We take good care of, but have not in the slightest way pampered or overfed our Dahlias. Most of them have not been watered. Remember the droughts of this past Summer. They have come through and have produced under minimum conditions. If you give them water and plant food according to directions, you will get results that should satisfy you, for most of our Dahlias have been kept lean. Not all; we too grow for exhibition.

DISCARDING VARIETIES AND PLANTS. We rogue every year. We buy and try varieties that never reach our catalog's pages. They aren't good enough. And we drop from our catalog others that have not on further inspection measured with our first estimate. Don't let us here mislead you. We drop also because the price we can get for some varieties has become too small. And—would you believe it—we, too, at times, lose our stock of a variety. The runts we leave in the ground.

DAHLIAS COMPARATIVELY. We are making this year a wide departure—we are describing Dahlias comparatively. This is on the center double page. We are giving the rating of every variety that has been entered at the various trial grounds—at Storrs, Conn., the trial grounds of the American Dahlia Society; at New Brunswick, grounds of the Dahlia Society of New Jersey; at College Park, the Southern trial grounds; and at Puyallup, the trial grounds in the Northwest.

We are quoting ratings that have been awarded our varieties by Professor J. B. S. Norton in his "Favorite Dahlias of 1928." Professor Norton asked thirty-five growers for their favorite varieties. They have chosen those that to them are the best.

We have taken from the catalogs of two other Dahlia growers the ratings they—Maytrott of Dahliadel in New Jersey and Peck of Golden Rule in Ohio—have given the Dahlias which they and we grow.

So the rating at Storrs is hilly Connecticut; Maytrott sandy New Jersey; New Brunswick moist climate, sandy loam New Jersey; Peck that hot, dry, trying Ohio-Mississippi Valley, and Norton is the consensus of opinion of the whole United States. You can choose your Dahlias from this comparative listing in accordance with your climate.

We give also Derrill W. Hart's selections for his Best Dahlias of the Year, published yearly in the December issue of *The American Home*. Fifty-eight out of the total of 87 are on his list. Thirty-one in all have been certificated.

You may choose from our list with confidence. We have chosen carefully, described accurately, and guarantee completely. Buy and be satisfied.

Look now at the condensed descriptions on the center double page.

1930 INTRODUCTIONS



Captain Coste *Informal Decorative* At Red Bank, New Jersey 1930, Captain Coste won as Best Undisseminated Seedling in the Commercial Section, won as best Undisseminated Seedling in the Open to All, won as Best Yellow in the entire show. A big flower, large petaled, yellow, a clear waxlike gold, as bright as any yet shown. The stems are stout, bearing the 12-inch flowers on the side. Captain Coste is a strong, a vigorous grower whose foliage is the most robust, Mr. Waite says, he has ever seen on a yellow. Hart's Roll of Honor 1930. An exhibition variety so good as this appears once every few years. Plants only, \$7.50.

We guarantee the description of every dahlia in this catalog and will replace, free of charge, any variety that does not give satisfaction -

Jersey's Buttercup *Formal Decorative* An armful of yellow at a time, a good cut flower, and a good vase flower, too, for the stems are slender and stiff. A good cut flower must be, like Buttercup, medium in size, but you can get fewer and larger blooms when you disbud. Naturally, it is widespreading and just covered with bloom the whole season long. Earlier the outer florets are tinged with amber, in September they come wholly picric yellow. When you want to make cheerful your home, use Buttercup. Roots \$10.00, Plants \$5.00

Jersey's Harmony *Formal Decorative* It rests you to look on Harmony. At opening streaked with amaranth pink; opened, blush, becoming white at the center. Not a tall grower but laden with quieting harmony. Roots \$5.00, Plants \$2.50

Jersey's Meteor *Formal Decorative* Like its parent, like Jersey's Beacon. Strong, vigorous grower, robust foliage, good stem, erect bloom, and then the practically new shade—light salmon orange. A good exhibition flower. Roots \$10.00, Plants \$5.00

The Golden Goblin *Formal Decorative* Strong and healthy; leathery foliage, offering nothing to the leafhopper; splendid long stems; a bloom that does not burn. Set this pure gold in a tall blue vase against blue velvet. It will charm, hold, satisfy. Roots \$15.00, 2 for \$25.00, Plants \$6.00

Willogard Beauty *Formal Decorative* Of pleasing pink and rose, showing golden lights at the base of the petals. Stem is excellent, holding the flower well out of a rather low growing plant. The foliage is wonderful—crinkled and tough. The flower resembles Champagne, its parent. Roots \$10.00, Plants \$5.00

Willogard Gorgeous *Informal Decorative* Of a bright but dark red, tipped with gold. Gorgeous resembles Watchung Wonder, but is an early and free bloomer. Stiff, strong stalk; stiff, straight stem; dark green, large, tough, thick foliage; a vigorous, a healthy bush with many blooms. The plant, being dwarf, may be planted in the foreground. There Gorgeous glows to you. Roots \$10.00, Plants \$5.00

Willogard Mystery *Informal Decorative* We cannot give an exact description of its red. It is dark red verging on maroon. At the base of the petals are small petaloids of a lighter shade, making Mystery a deep and full flower. For exhibition, shade Mystery to allow the flowers to develop, not because it bleaches—it doesn't—but as it opens slowly some of the back petals will burn if it is not shaded. Large, tough, dark green foliage; a large, strong stalk; stem excellent; it is, you see, a vigorous plant. Roots \$10.00, Plants \$5.00

Willogard Nectarine *Formal Decorative* Everyone will enjoy this large flower. It can be cut with four even five foot stems. The plant is strong, a tall grower. The color is nearly gold, shading to pink and apricot at tips. The flower never tips on stem and never shows a center even late in the Fall. Fine for the gold in Autumn baskets. Roots \$10.00, Plants \$5.00

A SELECTION OF EXHIBITION DAHLIAS

Antartica *Formal Decorative* A pure white of large size, free flowering. Sturdy stems bear the flowers erect. For a white the foliage is exceptionally rugged and healthy. An excellent habit of growth. Good for exhibition, good for cutting. Roots \$7.50, Plants \$3.75

Arthur W. Grey *Informal Decorative* Flush orange and rose over rich salmon apricot on broad petals and you will have this large, strong flower that grows on a vigorous bush. It needs spraying at no time. No wonder Hart likes it—he puts it on his Roll of Honor, 1929—and says the visitors to the New York Show, 1929, seemed to agree. Showing to advantage under electric light Arthur Grey will give a warm radiance to your drawing room. Plants only, \$5.00

Use the notes of prize taking to choose your dahlias for exhibition

Cardinalis *Formal Decorative* Winner of the American Home Achievement Medal at Trenton 1929 in an extra strong class in a show that set a standard for Fall flower shows in the East. A brilliant, glowing spectrum red; a red coat on parade. Resembling Elite Glory in its splendid formation, its foliage is more attractive and its color brighter. It holds its color in the full Summer sun. New Brunswick Certificate 1928. Such is Hart's description, as he puts Cardinalis on his 1929 Dahlia Roll of Honor. He keeps it on his Second Year List 1930. Plants only, \$4.00

Color Sergeant *Informal Decorative* Silver Medal for best seedling of 1925 at Philadelphia, Best Specimen bloom at Camden 1926; and it has a New Brunswick Certificate 1926. The color is a rich, deep salmon bronze. It is a good, strong, upright grower, of perfect stem, resistant to insects. The bush is medium in height and the blooms large. A poor root maker and keeper. Two years on Hart's Roll of Honor. Try Color Sergeant in the foreground. Roots \$2.50, Plants \$1.25

D. J. Sandt *Semi-Cactus* Stripe and splash blood red on reddish orange, suggest rose violet on the other side; curve the petals outward, twist them at the points; give the bush excellent stems; cover them with color from early August to frost and then D. J. Sandt will be sure to give you a rich glow in your living-room. Plants only, \$3.75

Dorothy Stone *Informal Decorative* Rose pink above dark green—harmonious contrast. Look the large bloom over carefully. See its full center, its thick and evenly placed petals, its wonderful substance, the upright, strong stem, the leathery foliage, the medium to tall bush and as the Summer advances note the coming on of bloom after bloom brighter and richer than those of Kathleen Norris. This, then, is everything good a Dahlia should be for exhibition. A vase of Dorothy Stone and Margaret Woodrow Wilson is entrancing. Hart's Roll of Honor 1929 and 1930. Plants only, \$3.75

Dr. John H. Carman *Formal Decorative* Ask the experts. Hart: "It gave us a real thrill when the first blooms opened." Sweeney: "This variety is in every way a fine flower." Weston of Florists Exchange: "Several fine varieties, especially Dr. John H. Carman." A plant of medium height, blessed with strong, tough, large leaves, sending up heavy stems, bearing stiffly immense rose color blooms. The petals are broad on these blooms whose flowering habit is good. Last year's drought was a severe test, but Dr. Carman made good under the most trying circumstances. And if you want the very best out of this very good variety grow it in partial shade; this softens the color. Storrs Certificate 1928. Hart's Tried and True 1930. Plants only, \$2.00

Eagle Rock Jewel *Incurved Cactus* A vigorous plant of 6 to 7 feet. Strong stems. Like other Cactus Dahlias, Eagle Rock Jewel will produce larger blooms on well watered light soil than in a clay soil. Free bloomer. Heavy petals gracefully curled. A bit soft when cut, but Dahlias bloom in the garden. Hart's Roll of Honor 1927. A cream overlaid cameo pink. Some consider it the most beautiful Dahlia. Roots \$3.00, Plants \$1.50

Edna Ferber *Semi-Cactus* Now let's hear Newson of California: "A magnificent Hybrid Cactus. One of the finest ever produced. The coloring of this fine Dahlia is very pleasing—a glistening coral shading to old gold on face of petals, the exact name being spinel rufous and flesh ocher, the general effect coral pink. The petals curve and twist delicately. Its immense bloom is held high above the bush, which is of medium growth, resistant to insects, with exceptionally fine, stiff stems. This Dahlia is one of Fisher & Masson's finest creations, which is a recommendation in itself." New Brunswick Certificate 1926 and on Hart's Tried and True now three years. Three firsts at Atlantic City, three firsts at New York City 1930. Roots \$2.00, Plants \$1.00

Elite Glory *Formal Decorative* While Elite Glory does well neither in Ohio nor California, it gained a Storrs rating of 92 with Silver Medal for outstanding qualities, and a New Brunswick rating of 91, the highest ever given at New Brunswick, the next to highest at Storrs. It has also a College Park Certificate, 1926. Leathery foliage immune to insect attacks. A large, heavy erect stem carrying the flower at the side. Blooming habit fair; late. And then shade the flowers to get the full brilliance of the color. Between spectrum red and carmine, a brilliant rich red. Unusual substance in unusual breadth of petal makes Elite Glory a good keeper. Prizes and prizes and prizes. Winner for largest bloom, Trenton 1924. For six years on Hart's Tried and True. Best red at New York, 1930. Roots \$1.50, Plants \$1.00

Elite Peach *Formal Decorative* An exquisite orange pink with some grenadine pink shading most petals. Stem heavy, erect; flowering habit good; foliage resistant to insects. Certificate at Storrs and at New Brunswick 1926. On Hart's Tried and True 1928. Best Undisseminated Seedling Red Bank, New Jersey, 1926. Best pink, Red Bank 1927. Roots \$2.00, Plants \$1.00

Elizabeth Carteret *Informal Decorative* Striking; a flower with as much contrast as this is sure to attract attention; its face is rich cerise and its back silver. It is a seedling of Jersey's Beacon with about the same formation. The bush is strong, the stems are stiff and erect, the foliage is leathery, and the flowers come early and stay long and keep well. Roots \$5.00, Plants \$2.50

Fordhook Goldcrest *Formal Decorative* Lemon chrome with the center crowned strawberry pink and its back spinel pink, on broad, well rounded petals. An all-purpose flower, certificated by the Dahlia Societies of California and of New Jersey, and on Hart's Roll of Honor 1927 and 1928. Roots \$2.50, Plants \$1.25

Fordhook Marvel *Formal Decorative* Those who saw it on exhibition were impressed, but if they only could see it growing! A big, bold fellow of lovely coral red. A model for sturdiness and perfect growing habits, thriving under almost any condition, growing well in hot Ohio. A poor root maker. New Brunswick Certificate 1928 and on Hart's Tried and True 1930. Roots \$4.00, Plants \$2.00

Fordhook Victory *Informal Decorative* We are extremely fond of the Dahlias that continuously cheer us with their flowers throughout the season, regardless of weather and insects. There is no better or brighter large double Dahlia in this respect than Fordhook Victory. A lovely, rich Tyrian rose. Resistant to heat, doing very well in hot Ohio. Dwarf grower. Poor root maker. On Hart's Tried and True now three years. Goes well with salmon, lighter pink and white in garden and bouquet. Roots \$2.00, Plants \$1.00

Fort Monmouth *Informal Decorative* More sweepstakes and class prizes came in 1929 to this crimson maroon than to any other Dahlia. One prize was for a 15½ inch bloom at Englewood, New Jersey. Full-centered in the East, Peony in California, with long, narrow, shaggy petals; begins early and continues late; 5 or 6 of them on the bush at a time; they do not burn and keep splendidly on the plant and cut. Add to this that the vigorous bush rises to 6 or 7 feet and the foliage is immune to leafhopper. Hart lists it Tried and True two years. Just made for that prominent spot in your garden. Truly an exhibition variety. Plants only, \$2.50

Fort Washington *Formal Decorative* Kemp says this Dahlia should be in every collection. Hart has now put it three years on his Tried and True, Storrs has certificated in 1927. It's big; 10 inches. It's tall; 8 feet. Its stems are canes, heavy, carried facing. Its color is oxblood red. It neither fades nor burns. It blooms late with a fair number of rich, velvety blooms. It's useful in the background. Another truly exhibition variety. Largest and most perfect formal Decorative, Thursday, New York City 1930. Roots \$1.50, Plants \$1.00

F. T. D. *Formal Decorative* In color between rosolane purple and spinel pink, many calling it a rich Tyrian rose, on the best of stems rising out of dark green foliage. Tall enough and free flowering enough to use against a background of green foliage. And cut, it's a good keeper. When it was young before its introduction it won the Judge Shinn Silver Trophy for the Best Vase or Basket of 25 Blooms at Atlantic City 1928. New Brunswick Certificate 1927. Hart's Roll of Honor 1927. Top it at 10 inches. A sport of Trentonian. Roots \$1.00

Golden Dream *Formal Decorative* A Dahlia with the certificates of three trial grounds—Storrs, New Brunswick and Puyallup. There's a reddish tinge on the petals before they open; there's a golden luster on the strontian yellow when the sun plays on it. Vigorous spreading growth. Blooms that keep their size and form throughout the entire season. Resistant to insects. A medium to light bloomer. A basket of Autumn colors in your home needs Golden Dream for gold. Its extra heavy stems, which hold the blooms out and slightly down, lend themselves to the making of a most attractive basket. First prize at Boston and Mitchell, Nebraska. Roots \$2.50, Plants \$1.25

Be sure to read the third cover before planting

Gov. Morgan F. Larson *Formal Decorative* Large but not coarse; sturdy; clear golden yellow with blush of apricot on reverse. An early bloomer. Use Gov. Larson for the gold effect in decoration. Or, stage a red-hot Dahlia show, enter Gov. Larson and Gov. Larson will win. It did win the Governor's Cup at the Flower Show at Trenton for the Most Worthy Undisseminated Dahlia 1929; it did win for the Best Yellow, Cream or Buff in the Open to All at the Camden Show, 1929; Hart's Roll of Honor 1929 and 1930. Plants only, \$3.00

Harry Mayer *Formal Decorative* The large bloom looks you straight in the eye—you simply have to admire it. Phlox pink with light Phlox purple at the center is its attractive color. A vigorous grower. Harry Mayer's flowering habit is early and prolific; its stems remarkably strong, erect; its dark green foliage admirable. A poor root keeper. Storrs Certificate 1927 and on Hart's Tried and True 1929. Won a first at New York 1927. Make a basket of Harry Mayer and Kathleen Norris. Roots \$2.00, Plants \$1.00

Ian *Incurved Cactus* Perfect in form. Long, evenly rolled, incurving petals on slender, straight stems, carrying the bloom facing. Equally good for cutting and exhibiting. It won with six blooms as best Cactus at Elizabeth, New Jersey, 1929. Clear yellow at center, gradually flushing to pink with sunset on the reverse of these outer rows. And the bush is short. Try it—the cost is so moderate—for a border. You'll like it as a border. Hart's Roll of Honor 1926. Roots \$1.00

Ida Perkins *Formal Decorative* Winner of the American Home Achievement Medal at Boston 1927. A strong grower; leathery foliage; strong, erect, good stems; and the bloom itself—white with creamy center, many of them; early and continuously of good substance. The insects don't bother it. It's cheerful in your room, cheering you long. Hart's Tried and True 1929. Roots \$2.50, Plants \$1.25

Jack O'Lantern *Informal Decorative* Here's a royal flower—scarlet blended with amber. In the garden a spot of bright. Flowering habit fair. Stems medium in size, drooping. New Brunswick gave it a Certificate 1926 and Hart then placed it on his Roll of Honor, keeping it there the next year. Roots \$2.00, Plants \$1.00

Jane Cowl *Informal Decorative* Imagine the ideal bush—fairly tall, with vigorous, dark green, leather thick foliage, insect proof. Give it stems that are straight and strong, yet not clumsy. Add monster blooms of bronzy gold with center of jasper pink and petals that so wave and curl they let the sun through, making its color old gold; and the many blooms that, looking straight at you, stop you every time you near them—and you picture Jane Cowl. It comes midseason. Grown in hot Ohio it does not burn but thrives and with one other unfailingly produced the greatest number of largest and most beautiful blooms under all conditions. Cut, Jane Cowl keeps you company long. Continuing its sensational success as a seedling, Jane Cowl won more prizes in 1928 than any other introduction—including in its triumphs two foreign countries. In 1929 the Bulletin reports: "Jane Cowl again walked away in the Decorative type." American Home Achievement Medal, New York 1927; Storrs Certificate 1927; Hart's Tried and True now two years. Four firsts at Atlantic City, five firsts at New York City, and one first at Kearny, New Jersey, 1930. Roots \$2.50, Plants \$1.25

J. B. Waite *Informal Decorative* Deep lavender in color, huge in size, with broad, curling and twisting petals. It will give you many blooms. Roots 50c.

Jean Trimbee *Semi-Cactus* This beauty from Canada has big blooms, sometimes over 12 inches, of a rich Dahlia purple, the center shading into true purple. Its growth is strong and vigorous. "It was easily," says Mr. Waite, "one of the outstanding varieties in my exhibition garden and we feel highly honored at being asked to introduce so unusual and outstanding a variety." Storrs Certificate 1929, saying its flowering habit is prolific, its stems medium in size. Orange Cannas and Jean Trimbee together are gorgeous. Hart's Roll of Honor 1930. Plants only, \$5.00

Jersey's Beacon *Formal Decorative varying to Peony-flowered* Year after year Beacon appears on Hart's list of Tried and True while others change. This most spectacular of the Jersey family is a Chinese scarlet with buff reverse. Beacon is a free and early bloomer, has sturdy stem, resists insects and heat. May come open-centered. Shade it when growing for exhibition. And prizes? It's forgotten more than most exhibition flowers have taken. Award of Merit, Haarlem, Holland, 1928. Won Formal Decorative Six Blooms, Atlantic City 1930. Roots 50c.

Jersey's Beauty *Formal Decorative* A strong grower that blooms early and freely and long, that can be cut with 3 to 4 foot stalks, strong, erect and stiff; that is a lovely true pink, a spinel pink, a soft, translucent pastel pink, and that with its fine substance is an excellent keeper. Pinch out the top when 10 inches high so you will receive the maximum number of blooms. Shade when growing for exhibition. California's sun is a bit strong for Beauty. Certificates from Storrs, from College Park, Award of Merit from the trial grounds at Wisley, England, 1926, and First Class Certificate from Haarlem, Holland, 1926. Jersey's Beauty is a standard of excellence by which new flowers are judged. Two firsts at Atlantic City and three firsts at Kearny, New Jersey, 1930. Hart's Tried and True for seven years. A seedling of Mrs. Warner and Agnes Haviland. Roots 50c.

Jersey's Fiancee *Informal Decorative* Abundant good sized flowers with stems erect and always good. Spray Fiancee to keep off the insects. Storrs Certificate 1924. New Brunswick Certificate 1925. Eosine pink. Beautiful with the Autumn colored group and with the amethysts. Plant back of purple sage. A seedling of Agnes Haviland. Roots \$2.00, Plants \$1.00

Jersey's Glory *Formal Decorative* You will cut Jersey's Glory as long stemmed as Jersey's Beauty. Branching freely from the base, sometimes they rise straight and stiff, sometimes arch gracefully. The leaves are thick and leathery. The plant is robust, vigorous. Jersey's Glory bears freely masses of sparkling orange. It will light your room as with flame. Hart's Roll of Honor 1927 and 1928. Roots \$5.00, Plants \$2.50

Jersey's Mammoth *Informal Decorative* One of the biggest—some grow it 14 inches. Not good for cut—its stems are crooked. Keep sprayed when young. The color is a rich golden mahogany, the growth vigorous. Largest at Camden 1926. Roots \$1.00

Jersey's Masterpiece *Informal Decorative* The better drives out the good. The old favorite Insulinde and the new Masterpiece have the same formation; Insulinde is going and Masterpiece is coming. Masterpiece has better color—soft strawberry pink suffused gold at the base of the florets—stems strong and stiff, foliage thick, so insect resistant; flowers large, with long graceful petals, freely produced. It might be more vigorous. Hart says: "Even better in 1928 than in 1927. No variety in this list has more distinctive beauty." Roots \$2.50, Plants \$1.25

Jersey's Olympus *Informal Decorative to Peony* Jersey's Olympus has a better stem than its parent Bashful Giant. A heavy, bent stem. Its color is rose doree changing to a bittersweet pink. Grows vigorously; has large leathery leaves. Many large flowers. Roots \$2.50, Plants \$1.25

Jersey's Radiant *Semi-Cactus*. Set this against a green background and see what radiance is. Bittersweet orange, many of them. The first of the Jersey family to bloom. Not a strong but a beautiful flower. Hart's Roll of Honor 1923 and 1924. Roots \$1.00

Jersey's Triumph *Formal Decorative to Peony-flowered* A Jersey's Beauty in Autumn colors. A seedling from Jersey's Beauty indistinguishable from its parent until it blooms, then it bursts into a gorgeous sunset of bright copper flushed with salmon bronze. It was early at the Bronx this past Summer. Its flowering habit is prolific, its stem medium in size, stiff, with the flower on the side. For garden, for exhibition, for cut, here's a flower to match against Jersey's Beauty. Storrs Certificate 1929. It was winner in seedling class in the open to all at Red Bank, New Jersey, 1929, and is on Hart's Roll of Honor 1929 and 1930. Cut this brightness for your living-room. Roots \$7.50, Plants \$3.75

Katherine Cole *Formal Decorative* "Whatever vase wins is good," said William B. Sweeney in the Dahlia Society Bulletin. Then great honor to this flower that it won the Darnell cup for Best Keeping Variety at the 1929 Show in New York. Add to its keeping qualities that it has the long, stiff stem of a Jersey's Beauty, that the flower is always looking you in the eye, that its foliage is thick and healthy, that it is a free bloomer and early and you'll choose this beauty of light pink and cream, the tips pink shading to cream with a pink center. Katherine Cole, the loveliest, remains fresh when all the rest of the bouquet is ready for the compost heap. Hart's Roll of Honor 1930. Roots \$10.00, Plants \$5.00

Choosing Chart

Facts About Dahlias

Name	Creator and Introducer	Year of Introduction	Trial Grounds			Norton	Dahla-del	Golden Rule	On Hart's Roll of Honor	Color	Height of Bush	Size of Bloom	Largest Reported	Length Can Be Cut	Price
			Storrs	New Brunswick	College Park and Puyallup										
Antartica.....	MacDonald-Waite.....	1930								White	Tall	Large		Long	\$7.50
Arthur W. Grey.....	Veile & Mendham.....	1930							1929	Apricot	Medium	Large		Long	5.00P
Captain Coats.....	Curran-Waite.....	1931							1930	Yellow	Medium	Immense	12	Long	7.50P
Cardinalis.....	James Kennedy-Waite.....	1930							1929-30	Red	Tall	Medium		Long	4.00P
Color Sergeant.....	Lyndora Veile & Mendham.....	1927		E85			85	85	1926-27	Bronze	Tall	Large		Short	2.50
D. J. Sandt.....	Lyndora Veile & Mendham.....	1930		E87						Orange	Tail	Large		Long	3.75P
Dorothy Stone.....	Fisher & Masson.....	1930							1929-30	Pink	Short	Immense		Short	3.75P
Dr. John H. Carman.....	Derring-do.....	1929	E86						1928-30	Rose	Short	Immense	11	Medium	2.00P
Eagle Rock Jewel.....	Eagle Rock.....	1927					83		1927	Pink	Medium	Large		Medium	3.00
Edna Ferber.....	Fisher & Masson.....	1927		E85					1926-30	Pink	Short	Immense		Medium	2.00
Elite Glory.....	Kennedy.....	1926		E91			89	88	1924-30	Red	Short	Immense	16	Short	1.50
Elite Peach.....	Kennedy.....	1927	E86	E86	E88 C	87	85	79	1926-28	Pink	Medium	Large		Medium	2.00
Elizabeth Carteret.....	Lavinthal-F. & M.....	1930							1926-30	Pink	Short	Immense		Medium	2.00
Fordhook Goldcrest.....	Burpee.....	1928		C85			80	90	1925-30	Cherise	Short	Large		Medium	5.00
Fordhook Marvel.....	Burpee.....	1929		E85			80	90	1925-30	Chrome	Short	Large		Medium	2.50
Fordhook Victory.....	Burpee.....	1927					80	91	1926-30	Red	Short	Immense		Medium	4.00
Fort Monmouth.....	Kemp.....	1928					80		1927-30	Rose	Tall	Immense	15 1/2	Short	2.00
Fort Washington.....	Rindfleisch-Success.....	1927	E88			89	85		1927-30	Maroon	Tail	Immense	12	Long	2.50P
F. T. D.....	Fisher & Masson.....	1928		E86					1927	Red	Tail	Immense		Long	1.50
Golden Dream.....	Success.....	1928	E86	E86	E87C83 P	86	83	89	1926-30	Purple	Short	Medium		Medium	1.00
Gov. Morgan F. Larson.....	Lyndora.....	1930		E86					1925-30	Yellow	Short	Large		Medium	2.50
Harry Mayer.....	Seltsam-Success.....	1927	E86					84	1927-29	White	Short	Medium		Short	2.00
Golden Dream.....	Bessie Boston.....	1926					87	82	1926	White	Short	Medium		Short	1.00
Ida Perkins.....	Perkins-Montrose.....	1928					88		1927-29	White	Short	Medium		Medium	2.50
Jack O' Lantern.....	Success.....	1927	E71	E87			80	94	1926-27	Scarlet	Medium	Immense	14	Medium	2.00
Jane Cowl.....	Downs.....	1928	E88				90		1927-30	Gold	Medium	Immense		Medium	2.50
J. B. Waite.....	Starr-Willow.....	1926				92				Lavender	Short	Large		Short	.50
Jean Trimbee.....	Trimbee-Waite.....	1930	85						1930	Purple	Tall	Immense	12	Long	5.00P
Jersey's Beacon.....	Waite.....	1925			Haarlem	88	85	81	1924-30	Scarlet	Medium	Medium		Long	.50
Jersey's Beauty.....	Waite.....	1924	E91C85		Haarlem	91	89	89	1923-30	Pink	Tail	Medium		Long	.50
Jersey's Buttercup.....	Waite.....	1931					80			Yellow	Medium	Large		Long	10.00
Jersey's Fiancee.....	Waite.....	1927	E87	E87C89	Wiley		80			Pink	Medium	Large		Long	2.00
Jersey's Glory.....	Waite.....	1929								Orange	Medium	Large		Long	5.00
Jersey's Harmony.....	Waite.....	1931							1927-28	Pink	Medium	Immense	14	Medium	5.00
Jersey's Mammoth.....	Waite.....	1925								Gold	Tall	Immense		Long	1.00
Jersey's Masterpiece.....	Waite.....	1928								Pink	Medium	Large		Long	2.50
Jersey's Meteor.....	Waite.....	1931							1927-28	Pink	Medium	Large		Medium	5.00
Jersey's Olympus.....	Waite.....	1928								Orange	Medium	Large		Medium	10.00
Jersey's Radiant.....	Waite.....	1924	E85			87		85	1925-24	Pink	Short	Medium		Medium	2.50
Jersey's Triumph.....	Waite.....	1930								Orange	Medium	Medium		Long	1.00
Katherine Cole.....	McDowell-Waite.....	1930	85						1928-30	Copper	Medium	Immense		Long	7.50
Kathleen Norris.....	Klein-Fisher & Masson.....	1929							1930	Pink	Medium	Immense		Long	10.00
Kemp's Mordella.....	Pfannkuchen-Kemp.....	1925					75		1928-30	Buff	Medium	Large		Long	4.00P
Kemp's Violet Wonder.....	Kemp.....	1928				88	85		1924-27	Purple	Tall	Large		Long	1.00
Lavender Gem.....	Fisher & Masson.....	1929		E86		88			1927-30	Lavender	Medium	Large		Long	3.00

Kathleen Norris *Informal Decorative* W. H. Waite originated Jersey's Beauty, yet he thus describes Kathleen Norris: "A bloom of gigantic proportions. We believe we can conscientiously state it is the greatest pink decorative Dahlia in commerce today. Color a true rose pink, later deepening to mallow pink, in the young central petals paler. Broad, overlapping petals, with twisted ends, filled to the center. Foliage dark green and leathery, insect proof, great bloomer and excellent keeper." A fine stem. Shade to get the best color. Watch it during hot weather; keep it growing. Took American Home Achievement Medals both at New York City and at Newark 1928, on Hart's Tried and True 1930. Three firsts at Atlantic City and two firsts at New York City 1930. Plants only, \$4.00

Kemp's Mordella *Formal Decorative* Flowers come 9 inches across on extra long stems. Plants are vigorous growers, early and free bloomers, of good flowering habit. A beautiful bright shade of apricot buff. Kemp can say: "The past six years I have sent Mordella to many sections of the country and not one unfavorable report have I received, but invariably every one who grew it was impressed with its beautiful color." Like a fresh cut Apricot. With other orange, pink and salmon Dahlias, or with Autumn foliage, Mordella decorates your home. Won best yellow, Camden 1926. Three years on Hart's Roll of Honor. Roots \$1.00

Kemp's Violet Wonder *Informal Decorative* The best violet—a rich naphthaline violet, underlying it royal purple and on the back bluish lavender. The blooms come up to 9 inches across and 6 to 7 inches deep. Many and early flowers, that do not burn, that keep well, both in your garden and in your home. A bush 5 to 6 feet tall, with foliage that is tough, dark green; the leafhoppers pass it by. Runner up to Jane Cowl in 1927. New Brunswick Certificate 1927. On Hart's Tried and True for two years. Some call it superfine, others superb. Won first for six Decoratives at Elizabeth, New Jersey, 1929. Roots \$5.00, Plants \$2.50

Lavender Gem *Informal Decorative* One of the first to bloom and laden still when frost comes. Flower thick, with broad petals curling at the point; center tight and full; stem long and rigid; foliage dark green and leathery; habit of growth excellent. A pure lavender. Roots \$3.00, Plants \$1.50

Mabel S. Douglas *Informal Decorative* This flower looks to be popular for the largest bloom class. Its appearance belies its size, for the long petals curl gracefully. Being large, it needs and has a strong stem. The foliage and habit of growth are excellent; its color clear pastel lavender. Poor root maker. At New York it won first in one of the seedling classes 1929, and Mr. Hart has put it on his 1929 and 1930 Roll of Honor. Plants only, \$5.00

Margaret Masson *Formal Decorative* Years ago Burpee said: "This is a splendid new variety which embodies all the good qualities one could desire. The lovely, silvery rose pink will insure it great popularity." Neither Ohio's heat nor insects worry Margaret Masson; nor do you have to cut again soon for the vase. Margaret Masson keeps and on good stems. Best practice is to shade it in the hot weather. Margaret Masson will rarely beautify your home. A lovely decoration for a wedding. Try them with white Roses. New Brunswick Certificate 1924. Three years on Hart's Tried and True. Won for 3 pink, Trenton 1929. Roots \$1.00

Margaret Woodrow Wilson *Informal Decorative* Face a creamy white, reverse rhodamine purple. The pink shining through the cream, the flower becomes opalescent. A distinctively rich pastel tone. Petals broad and well placed, terminating in points, making a thick flower. Strong, upright stems. Medium height. Resistant to insects and heat. New Brunswick Certificate 1925 and on Hart's Tried and True six years, including 1930. Won President's Cup for best bloom in show at Wilmington 1926. Delicate loveliness. Roots \$1.00

Full cultural directions with each order. Any one can get a copy by request

Mariposa *Semi-Cactus* A plant that is not too strong, that needs spraying, that is a poor root maker and keeper, bears large flowers perfect semi-cactus. They are of long, narrow incurved petals, twisting and turning most gracefully; blooms early, with a center regular and perfect throughout the season. A stem sometimes straight, sometimes bending gracefully, rises well out of the foliage. Blooms that keep well. A great favorite, this delightful shaggy pink. Two first at Trenton 1924. Hart's Roll of Honor 1923 and 1924. Roots \$1.00

Marjorie Beevor *Informal Decorative* A pretty Dallas girl, glancing among the seedlings: "I like this one; it's like a dress I used to wear." Light orchid pink; who, being young and pretty, wouldn't want to wear a filmy dress—like this *Dahlia* of the wavy petals? Perfect stem, fair flowering habit; splendid cut flower. Marjorie Beevor will "make" an orchid amethyst basket. A seedling of Mariposa. Roots \$10.00, Plants \$5.00

Marmion *Informal Decorative* Grow Marmion well, put it in the center of the exhibit and you'll be answering: "Can you tell me the name of the big yellow?" Hart places Marmion on his Tried and True for four successive years, including 1929; a large grower, like Newsom of California, says: "We have quite a time growing enough of it to supply the steady demand"; and it has won many prizes for best and for biggest in the show. Magnificent pure golden yellow; bronze suffused reverse, bronze outlining each petal. Florets are long, wavy, curly, making a light flower. The sturdy bushes are covered with blooms bending gracefully. The foliage repels the insects and stands the heat. Marmion can be fed heavily. A poor root maker and keeper. Puyallup Certificate 1925 and Certificate of Merit from the Societe Nationale d'Horticulture de France 1927. Largest bloom, Portland, Oregon, 1929, three Decoratives, Kearny, New Jersey, 1930, and Best Yellow, New York City, 1930. Roots \$1.00

Meta Scammel *Semi-Cactus* The petals, placed irregularly and ending in sharp points, curl and twist saucily, giving depth to a flower that can be grown to more than nine inches. It's a pale amaranth pink, shading to deep amaranth pink. On Hart's Second Year List 1929. Won for best bloom propagated by the Trenton Horticultural Society in 1929. Roots \$3.00, Plants \$1.50

Monmouth Champion *Formal Decorative* Have you a central point in your garden, the place most conspicuous, most easily seen, to which the lines of the design verge? Into that place set Monmouth Champion, for just as we seek the light, will the eyes of people seeing your garden turn to Monmouth Champion. And it's the only *Dahlia* for that place, as no other has its color—glowing orange flame. A strong, vigorous plant, wide spreading, with long, slender side shoots, straight and erect, each producing an exhibition bloom from 10 to 12 inches in diameter that can be cut with stalks 2 to 3 feet long. A free producer. It received a special award at Elizabeth, New Jersey, 1929, and it won the Michell Medal for Best Undisseminated Seedling at Red Bank, New Jersey, 1929. In 1930 it was the largest and most perfect informal Decorative Thursday at New York, and was first for Commercial Basket or Vase of 25 Blooms, one variety, at Kearny, New Jersey, 1930. Hart's Roll of Honor 1929 and 1930. Roots \$10.00, Plants \$5.00

Mrs. Alfred B. Seal *Informal Decorative* If all Dahlias had the beauty of Mrs. Seal—what gardens! Soft, rich, glowing pure old rose. Huge, measuring with Siskiyoun, curling and twisting at the center, flat outside, of great depth and substance, keeping well. The splendid stems are proud to hold these lovely blooms erect above the fine bush. Shade to keep its delicate coloring, and it is not as vigorous and insect resistant as we'd like. It was not difficult to choose Mrs. Seal for the American Home Achievement Medal in San Francisco 1928. Need we now add—this is the largest and best of Mrs. Seal's fine originations. Float Mrs. Seal with foliage in a flat green bowl and see if others won't admire it as you. Hart's Tried and True 1930. Plants only, \$5.00

Mrs. Eleanor Martin *Informal Decorative* A large, even petaled flower; mulberry, suffused gold. A wondrous rich color. It begins bloom early, it resists the insects, it stands Ohio's heat, though it is not a good cut flower and is a poor root maker. A Californian doing exceptionally well in the East. Won for Decorative, three blooms, Camden 1926. Hart's Roll of Honor 1925. Roots \$1.00

Let us send this catalog to your friends. Write us their names and addresses

Mrs. F. A. C. Perrine *Informal Decorative* A true staghorn type; the petals, curiously twisted and curled, end in two sharp points. This makes a thick flower, 8 to 10 inches across. A satiny, lovely lilac with pale cattleya reverse. Roots \$1.00

Mrs. I. De Ver Warner *Formal Decorative* Wherever grown and wherever exhibited, this variety immediately attracts attention. Early and free flowering. Large blooms on long, strong, wiry stems, keeping well. Sometimes showing center. Charming soft orchid coloring, seldom appearing among the gay garbed Dahlias. Pinch out when 10 inches high. Won Open to All, Basket of Dahlias, 15 blooms, at Atlantic City 1930. Award of Merit at Haarlem, Holland, 1925. Hart's Roll of Honor 1923 and 1924 and Tried and True 1930. This is Jersey's Beauty's parent. Mrs. Warner is a standard of excellence by which new flowers are judged. Roots 50c.

Orange Beacon *Formal Decorative* A flower for color. Peach red toned with bittersweet pink, outer petals tipped maize yellow. Flowering habit fair, and it has the stout, upright stem of its parent, Jersey's Beacon. Plants only, \$3.00

Papillon *Informal Decorative* Originated in sunny California, resisting the drought of Ohio, where it is one of the three best, it is everywhere immune to leafhopper. Everywhere it is grown successfully, coming early in the East, midseason in Ohio. It is an incessant bloomer on stems that bend somewhat under the heavy bloom. Thus it is an artistic plant set alone. An old rose with sheen of gold and mulberry center. Always in demand. Won basket arrangement for effect, New York City 1929. Hart's Roll of Honor 1924. Roots \$1.00

Paradise *Informal Decorative* A feathery bush out of which rise many long stems bearing blooms of creamy old rose, suffused with gold, blended to a rich bronze. One bush contains a bouquet—and the pleasure of growing a long border of this variety! Roots \$1.00

Primula Rex *Informal Decorative* In California it was one of the "Twelve Best California Dahlias" 1927. In New Jersey it won the Walt Whitman Silver Cup 1926. Hart put it on his 1926 and 1927 Rolls of Honor. This two-coast winner is a light cream or primrose yellow, profuse, 9 to 12 inch blooms, standing for days when cut; the King of the Primroses. Can be used with any other color, blending with all. Roots \$1.00

Queen of the Garden Beautiful *Formal Decorative* In 1925 it started its winning career by winning, at San Francisco, over ten competitors that coveted prize—the Samuel W. Heller prize for the most meritorious flower in the show. Now it is grown East and West, North and South, because it has vigor, it grows well when the weather is hot, it withstands the leafhopper, it has canelike stems, it has large blooms, which keep well. But don't be surprised if some come with a hard green center—the others will repay you. Its color is primrose yellow spread on wide petals. It is effective in vase or basket with pinks and oranges in classes calling for several Decorative shades. It is a poor root maker and keeper. Hart likes it; he puts it on his Tried and True now two years. Won best Formal Decorative one bloom, any color, New York City 1930. Roots \$1.50, Plants \$1.00

Roman Eagle *Formal Decorative* In this flower the Dahlia flames King of the Autumn season. Brilliant, burnished gold bronze above dark green foliage. The stem is somewhat crotchky. New Brunswick gave it a Certificate in 1925. Its radiance cheers you long. Excellent for decorating the house with orange, pink and salmon Dahlias and later with Autumn foliage. Hart's Roll of Honor 1925. Roots \$1.00

Rose Fallon *Formal Decorative* Truly magnificent, of pleasing hues of amber, russet and salmon. The formation is perfect, the foliage dark and handsome, the stems medium in strength. In Ohio Fallon does not do well. Give Rose Fallon good care early and it will reward you with perfect blooms. Rose Fallon won the Darnell Cup for Best Keeping Variety, New York 1930. Arranged in a bouquet of tones of Autumn, Rose Fallon will be fresh when the others have faded. Hart's Roll of Honor 1925 and 1926. Roots \$1.50, Plants \$1.00.

Here's hoping for your best year at the Dahlia Shows

Ross Waite *Semi-Cactus*. The stems are long, thin, straight, stiff. The color is light greenish yellow, with almost white reverse. The bloom is of great size and depth. The petals twist and interlace. No wonder, when he put Ross Waite on his 1926 Roll of Honor, Hart said: "If you are looking for something different here is a uniquely formed Hybrid Cactus with peculiarly incurved interwoven petals." The New Brunswick Trial Grounds gave it a Certificate in 1925. Plants only, \$1.00

Sagamore *Formal Decorative to Peony-flowered* A cut flower, this; Storrs says its flowering habit is free. It thrives in warmth; it stands erect in the vase. The lemon yellow shading to the flesh ocher or orange buff center has a warm cheerfulness. It keeps. In 1923 it won the Darnell Cup in New York; in the same year Storrs gave it a Certificate; Hart has had it six years on his Tried and True. In New York, Sagamore has brightened notable weddings. Won for 12 blooms, yellow, New York City 1926. Roots \$1.00

Sanhican's Gem *Informal Decorative* The large thickly set petals delightfully show orange, suffused dragon's blood, changing to light jasper red. The sun makes the clear red glisten. Certificate of Merit from New Brunswick 1925. Roots \$1.00

Shawnee's Peach *Informal Decorative* The beauty of a ripe Georgia Peach is in this flower. Long stalks that can be cut four to five feet; and many blooms to cut. Winner of the American Dahlia Society's silver medal for the Best Undisseminated Seedling never before shown, at the Fall Show of the Garden Club of Northampton County, 1929. Plants only, \$5.00

Silverado *Incurved Cactus* The immense blooms are white, toward the center delicate silvery lavender. Long incurving petals tightly rolled. The huge feathery blooms always cover the tall well-branched bushes. The stems, bending out gracefully, are artistic for the vase or basket. Cut, the bloom keeps for days. Hart's Roll of Honor 1927. Roots \$2.00, Plants \$1.00

Snowdrift *Formal Decorative* The flowers are full, deep built, with broad waxy petals, coming early and keeping well. Start it early; keep it growing; water it; if necessary, spray it. Disbud it for long stems. There are two good places for Snowdrift—one as a white border, the other as a white mass; for the plant is low, bears many blooms, and the price is most moderate. Best in show, Bergen County 1922. Roots 50c.

Starlight *Semi-Cactus* You bring gold into your home when you cut your Starlight. It combines well with almost every home's decorations. And in the garden the bushes start to bloom early and are always laden with large perfect center flowers. Won Santa Barbara Trophy at the Palace Hotel 1928. Roots \$3.00, Plants \$1.50

The Canadian *Formal Decorative* This flower varies. Sometimes it's Brazil red center, the open petals flushed peach. At other times the same colors are subdued. The stalk is thick, heavy and straight; the stem strong, stiff and straight. The bush is good, carrying many of these splendid coppery flowers. To those who appreciate an artistic color a vase of The Canadian is a treat. Roots \$1.00

The World *Formal Decorative* This one for glowing color. A rich, deep rosy magenta overlaid garnet with silver shadings on the petal's edges. The centers are full, perfect—8 to 10 inches of beauty. A good sturdy grower. The stems are strong and erect, the foliage is leathery and insect repellent. Hart has it on his Tried and True, 1930. Has proved even better than its good expectations. Roots \$4.00, Plants \$2.00

Thomas A. Edison *Formal Decorative* Did you notice how pleasing the girl's dress was?—a dress of purple and green. Thomas A. Edison is purple—pansy violet or Rood's violet, with tones of true purple—some call it royal purple—with the much admired dark green foliage. The staghorn petal formation, the insect resistant foliage, the cane-stiff stems, the thrifty growing habits, are all that we desire. Set so good, so handsome a plant where you can see it in the round, out from the rest of the plants. Usually royalty is set apart. And I can see a formal dinner party made gorgeous with blooms of Thomas A. Edison. Storrs Certificate 1929, Hart's Roll of Honor 1929 and 1930. Plants only, \$5.00

Read your order before you put it in the envelop. Be quite sure your name and address are plainly printed

Thomas Hay *Informal Decorative* Size and beauty, surprising freedom. The clear lilac, the soft, satiny texture, the broad blunt florets, the erect, though short stems, the low plant, make this ideal for the garden. It's a wonder so enormous a flower can be so beautiful. And a row of them—! Hart's Roll of Honor 1928.

Roots \$1.00

Treasure Island *Formal Decorative* Bright apricot with gold, rose suffusion and rose shadings. A right cheerful, a right friendly bloom. The bush is strong, the stalks branch readily from the ground, making five foot cutting stalks. The flowers are erect; full centered throughout the season. A bright Autumn shade. Won in 25 bloom Basket Class at Trenton 1929, and in 9 bloom Decorative, and 25 bloom Basket Classes at Camden, 1929. Hart's Tried and True 1930. You will find a treasure in Treasure Island.

Plants only, \$2.50

Valentino *Informal Decorative* If we could only afford a color plate! You'll have to see Valentino with the mind's eye. A salmon pink blending into the creamy center. Why speak of its large size, its wavy petals, its long and upright stem, its early and continuous blooming, its good keeping qualities, when one bloom is a bouquet? Your collection, being high class, needs Valentino. Hart's Tried and True 1930.

Plants only, \$2.00

Wanda Miller *Formal Decorative* A deep violet flower with white tipping each petal, never sporting to solid colors. Wanda Miller comes early. Long stems, which occasionally bend. Brighten the somber spots with Wanda Miller. I cut it this Summer to go to cheer one sick in hospital.

Roots \$1.00

Watching Sunrise *Formal Decorative* This is the way Kemp describes Smith's introduction: "This remarkable Dahlia for two years in succession created sensational interest at the A. D. S. Show, New York City. In 1926 it was given a special award of merit, as it was not entered in competition. A huge Decorative of golden amber with reverse of petals showing rose pink. Each petal has a narrow clear margin of rose pink. It is not only one of the unusual Dahlias in color but in form also. Flower is large and deep, with the back petals curving almost to the stem. Stem strong and sturdy, holding the flower erect, well above the foliage. One of the outstanding Eastern Dahlias of great merit." It is particularly early. For contrast of form and harmony of color, plant Watching Sunrise with Jersey's Beauty. Best six Formal Decoratives, Atlantic City, 1930. Hart calls it Tried and True now three years.

Roots \$2.50, Plants \$1.25

White Empress *Informal Decorative* Mr. Jost created White Empress; let Mr. Waite describe it: "This is a splendid new white Decorative and one of the best keepers that I know, either on the plant or cut. It is a fine bloomer and the stems are ideal." Hot Ohio is rather a trial to it. In 1928 it won the Darnell Cup and Hart puts it on his Second Year 1929. A bride's table decorated with White Empress is a picture never to be forgotten.

Plants only, \$2.50

Yellow Beauty *Formal Decorative* Waite best describes his own introduction: "This splendid new yellow Decorative will, I predict, be in the yellow class what Jersey's Beauty is in the pink. I have watched it closely for the past three years, and it has all the attributes of a perfect Dahlia. This Dahlia, while primarily a commercial Dahlia, yet can be grown to exhibition size. I have seen many 9 inches across and from 4 to 5 inches in depth. It has the long, free branching habit of its parent, Jersey's Beauty, and a plant pinched once or twice can carry 8 to 12 perfect flowers, none less than 6 inches. The stems are more slender than Jersey's Beauty, yet always stiff, holding the flowers erect and at a proper angle for vase work." A vase of twenty or more blooms makes perfect beauty. Set them in your blue room. On Hart's Second Year 1929. A first at Elberon, New Jersey, at Trenton and at New York City 1929.

Roots \$5.00, Plants \$2.50

Yellow Princess *Formal Decorative* Won the American Dahlia Society Gold Medal Ribbon 1927 for the best undisseminated Decorative seedling that had been certificated at Storrs (was certificated in 1926); first prize for largest bloom in show, Providence, R. I. 1927, and was included in Hart's Roll of Honor 1927 and 1928. Then we add: Clean, healthy, upright growth, flowers from 10 to 12 inches, flowering habit fair, on stiff stems medium in size, and we conclude this yellow—pale greenish yellow center, shading into bright green yellow—is a real flower.

Roots \$3.00, Plants \$1.50

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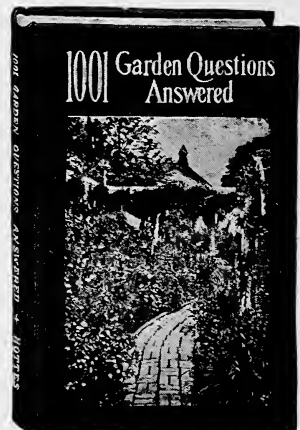
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How to Grow Fine, and How to Grow Big Dahlias

LOCATION. Choose for your Dahlias a place where the sun shines upon it, where, if there is much wind, the spot for your Dahlias can be somewhat protected from the full strength of that wind.

SOIL AND DRAINAGE. You can test your soil. If it will grow good potatoes, good corn, good cabbage; if it will grow a good crop of weeds, it will grow good Dahlias. Dahlias succeed in medium sandy loam. Sandy soil is rather poor and drains too quickly. Loam, and especially clay, is rather rich and drains too slowly. If your Dahlias grow tall and rank, and bloom late, the soil may be too rich. You can correct sandy soil by adding clay or peat, or by using a cover crop, or by putting manure in the Fall. You can correct clay soil by adding peat, or by a cover crop, or by spading in sand or coal ashes. This correction for soil quality is as well a correction for drainage. If, on the one extreme, the root hairs cannot find water the plant is checked. If, on the other extreme, the root hairs are covered with water they cannot breathe, they cannot get oxygen. Be sure, therefore, that you have sufficient drainage. Be particularly careful of sandy soil on a hill and clay soil on a level. The one needs stiffening, the other lightening.

FALL PREPARATION. Better to dig a dollar hole and put in a ten cent root than to buy a ten dollar root and put it in a ten cent hole. Just see what the Dahlia has to do. How can it easily send out its feeding roots for food and for water unless the ground is loose? As the Summer progresses it must swell out its roots, and how can it force its way easily in a hard soil? By all means, spade it, plow it in the Fall. Not merely will this loosen the soil, but it will destroy many larvae and tend to bring into useable form the roots and the tops that you incorporate into the soil at this Fall working.

The best single sort of plant food seems to be manure. As you work in the roots and the tops of the weeds, work in also manure, either horse or cow.

SPRING PREPARATION. Then, in the Spring—you'll set out some of the roots about May 15—say at March 15, dig the land again, turning it and mixing it. But put no fertilizer in at this time. Try a cover crop, try hairy vetch or Canada field peas.

When the roots arrive—if you're not quite ready—unwrap them and put them into moist, not damp soil.

Green plants will produce finer blooms than roots.

PLANTING. Again spade your land, turning under the cover crop. Plant June 1 to 10 for early September exhibitions, June 20 to 25 for later. Set the Dahlias three feet in the row, four feet between rows. Dig the hole so that the root can be placed six inches below the level of the soil. Drive a stake. You can use a short preliminary stake—they won't be so unsightly. Be sure to set the stake on the side of the prevailing wind. Lay the root on its side, the eye on the upper side. Fill in about three inches of the earth. Water only if the soil seems dry. Put the label on the stick.

When you receive your green plants, set the ball of earth in a bucket of water for a half minute. Then put each into the hole previously dug so that the surface of the soil about the plant is three inches below the level of the surrounding soil. Cover the ball of soil an inch—as the plant grows, gradually fill in this hollow. For the first few days, shade the young plant under an upturned peach basket.

TOPPING. When the plant is eight to ten inches high you can top it. This means delaying the first flower by about two weeks, but by topping you will more quickly have more flowers.

CULTIVATION AND WATERING. Spare the hose, use the hoes. Watering at this early season is likely to cause the bush to develop unduly; this will be at the expense of blooms. Use the hoe. Cut off the weeds; don't give them a chance. Keep on this treatment until the first of August. At that time you can change from a scheme of unified fairly slow growth to the effort to speed up the production of blooms and the development of roots.

This also is the time to change the short for a long stake. Tie the plant to the new stick with a

textile. Inch wide strips from an old sheet are good. String is likely to cut the stalk in a heavy wind.

FEEDING. And now you can begin feeding. Liquid feedings seem the most effective. Plants can use only what is dissolved; if it isn't dissolved they must wait for rain. So get a barrel and some manure. Put a half bushel of the manure in the filled barrel. After a day stir it up, then dip out from the barrel and give about a quart to a plant. Fill up your barrel and in four days give your plants a second quart of tea. Repeat in ten days and then after a second ten days. If cow or stable manure is not available, you can use sheep manure dry. You can start this when the plants are about two feet high. Put a good handful around but not close to the plant. See you don't burn the plant. Or you can light top dress with a good potato fertilizer.

DISBUDDING. And about this time you'll start disbudding. When the terminal bud pushes out from the leaflets surrounding it, you can start disbudding. Break off, carefully, the smaller other bud and the leaf shoot at the terminal. Take off the buds at each pair of leaves, three leaves down the stalk. This makes four places on each plant from which you disbud. If, however, the lowest disbudding takes you down so low that less than three pairs of leaves with live buds will be left below the stalk to be cut, disbud only so far down that at the lower part of the bush there are left three pairs of lateral buds. These will give you the next supply of blooms. For Largest in Show, take off all lateral buds.

MULCHING AND WATERING. At about the first of August place about the plants a good mulch of straw rotted manure or leaves, or in fact any material not likely to heat or harbor insects. Do not touch the stalks with this. At this time, August 1st, stop all cultivating. See the plants do not suffer for water and when you do water soak the soil.

SHADING. You may very well shade the light colored flowers and all blooms being grown for exhibition. You can make a light frame over which you can spread some cheesecloth and support this shade over the bush by four stakes set in specially for it. It's not only the sun but the rain also that can do damage.

It takes about three weeks for a terminal bud that can be seen, or a lateral bud the size of a small pea, to open into the full bloom.

CUTTING. Cut your exhibition flowers the night before. Plunge them at once into deep buckets of cool water. Put the lower two inches of the stems into boiling water for ten seconds, being careful to hold the bloom away from the steam. Plunge them again into vases of cool water well up toward the bloom, set them in a cool place, away from any possibility of draft.

INSECTS. And now the insects: If you notice the top of your Dahlia is wilting, look down the stalk for a small hole. If you find one, slit the stalk lengthwise (or cut it off) and fish in for Mr. Borer. The cut will soon heal again.

Leafhoppers are the little quick moving hopping and flying insects that suck the life juice from the Dahlia leaves, causing stunt. They are on the under side of the leaf. Spray with Agripax.

Red spider and thrips yield to water. Play it as hard as the plants will stand it; on the foliage for the spiders and into the buds for thrips.

DIGGING AND STORING. Finally comes frost and the lifting. On a sunny day, cut the stalk to the ground. Thrust your garden fork into the soil on one side, lifting the surface four or five inches. Then at either side of the plant back toward you do the same. In this way you have taken off considerable of the overlying soil. Then strike as deep as you can immediately in front of you. Heave. Take hold of the stalk and gently lift the clump out. Be very careful not to strain the necks of the Dahlias. Lightly shake and rub off the dirt. Let them dry two or three hours. Take them to the cellar, which has a usual temperature of 40 to 50 Fahrenheit. Cover with peat moss and let them remain until time for dividing in the Spring.

CUTTING. Cut the roots from the main stalk with a sharp knife. Be sure each root has at least one growing eye on the crown.

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HERE you will see growing our exhibition Dahlias. In September the display of color is gorgeous. Have you ever seen a whole field of Jersey's Beauty? This year we are planting 2,000 Jersey's Beauty alone. You can see the new creations too and can pick under better conditions than in a crowded show, the varieties you would like for your own garden. They will all be labeled. Come at any time. Perhaps we can help you with that bothersome problem of yours.

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